Syed Mohammed Yousuff Hussain – Resume

Address	382, 10th cross, 8th main
	Jayanagar 2nd block
	Bangalore 560011
Date of Birth	14th May 1995
Nationality	Indian

Career objective

To be a good engineer, be responsible and get involved in the work that improves standard of living through innovations in technology

Objective education

1	NITK	8.75
2	St.Joseph's	94.72 %
3	S.G.P.T.A	93.33 %

Technical skills

- Programming languages C, Java and a basic understanding of LISP, prolog and android

- Exposed to Unix system

- Worked with OpenGL

- Basic windows app development using C# and XML in visual studio

- Mechanical skills like welding, drilling and worked with related tools and machines

- Analysis of electronic circuits and home wiring

- Understanding of automotive electronics

- Worked with AVR microcontrollers and acquainted with protocols like SPI, I2C and UART

Projects

1. **Formula SAE:** Part of the electronic sub system of the car and responsible for installation of the main display for speed and distance. Also responsible for the laying down of wiring harness of the car include engine harness.

2. **Perfect machine:** A contest in an engineering fest involving designing and building a bot solving a given solution.

3. **Microsoft Hackathon:** Built a 'Class bunk manager' app for windows phone and Windows PC as part of Microsoft Hackathon conducted in NITK in the year 2014.

4. **Sudoku:** A Sudoku game made by my team using Java as part of my 2nd year mini project in the subject 'Paradigms of programming-I'

5. **Kookle:** A text prediction and suggestion software developed by my team as part of 2nd year mini project in the subject 'Paradigms of programming-II'

6. **Road-Racer:** A 2D car racing game build by my team using OpenGL as part of 2nd year mini project in the subject 'Computer graphics'

7. **Packet sniffer:** A raw packet sniffer that captures Internet packets and processes them to retrieve the messages along with other important header items developed by my team as part of 2nd year mini project in the subject 'Computer communication and networking'

8. **Trailblazer:** A line following robot

9. **Wireless tube light remote:** Used wireless radio transceivers to control the home tube light using a small remote.

10. **Cargo Alignment Robot:** Designed the algorithm and manufactured the arm to align incorrectly placed cargo in a particular environment